GOVERNMENT OF INDIA
EARTH SCIENCES
LOK SABHA

UNSTARRED QUESTION NO:2417
ANSWERED ON:30.11.2016
Desalination Plants
Vasava Shri Parbhubhai Nagarbhai

Will the Minister of EARTH SCIENCES be pleased to state:

(a) the details of desalination plants set up so far in the country along with their capacity and the funds spent thereon, plant, location and State-wise;
(b) whether the Government proposes to set up more desalination plants in the country;
(c) if so, the details of the target set, if any, and the capacity along with the funds likely to be spent, location and State-wise; and
(d) the present status of all plants under construction/proposed to be constructed and the time by which these are likely to be commissioned?

Answer

THE MINISTER OF STATE FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTRY OF EARTH SCIENCES
(SHRI. Y. S. CHOWDARY)

(a) Three desalination plants, based on the Low Temperature Thermal Desalination (LTTD) technology indigenously developed and demonstrated by the National Institute of Ocean Technology (NIOT), have been successfully commissioned one each at Kavaratti, Minicoy, and Agatti islands of the Union Territory of Lakshadweep. The capacity of each of these LTTD plants is 1 lakh litre of potable water per day. Expenditures amounting to about Rs. 5 crores, Rs. 13 crores and Rs. 21 crores were incurred for commissioning the plants at Kavaratti, Minicoy and Agatti respectively. One experimental LTTD plant using condenser waste heat from power plant was set up at North Chennai Thermal Power Station (NCTPS) with an expenditure of Rs. 4.5 crores.
(b) Yes, Madam.
(c) The Lakshadweep Administration requested NIOT for setting up of similar LTTD plants of 1 lakh litre of potable water per day capacity in remaining six islands. NIOT has sent a detailed project report with a fund requirement of Rs. 280.01 crores to the Lakshadweep Administration in this regard.
(d) The proposal to set up 6 LTTD plants in six Lakshadweep Islands has been submitted by NIOT to the Lakshadweep Administration.